AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A wind-driven power-plant rotor blade comprising a sectional contour having a relative thickness which decreases toward the outside from a blade root to a blade tip, said blade contour comprising a leading edge and a trailing edge and also a suction side and a pressure side, said contoured blade when being impacted by an incident airflow generating reduced pressure at the suction side relative to the pressure side, the pressure differential resulting in lift, the ~~said~~ suction side being fitted with a device optimizing the incident airflow around the said blade, ~~characterized in that~~wherein the device comprises at least one planar element (17, 18) which is mounted by one of its narrow sides onto the suction side (15) and which runs substantially in the direction of the incident airflow, said planar element being arranged in the zone of a cross-flow on the suction side (15) from the blade root (13) to the blade tip (14), the height and length of the planar element (17, 18) being selected so that said element shall effectively reduce said cross-flow.

2. (Currently Amended) ~~Rotor~~The rotor blade as claimed in claim 1, ~~characterized in that~~wherein the planar element is mounted at least in ~~the~~a region of a cross-flow running on the suction side of the blade contour between ~~the~~a zone of

maximum relative contour depth and the blade trailing edge.

3. (Currently Amended) ~~Rotor~~The rotor blade as claimed in ~~one of the above claims, characterized in that~~claim 1, wherein the length of the planar element extends over the full width of the rotor blade suction side.

4. (Currently Amended) ~~Rotor~~The rotor blade as claimed in ~~one of the above claims, characterized in that~~claim1, wherein the planar element is straight in its longitudinal direction.

5. (Currently Amended) ~~Rotor~~The rotor blade as claimed in claim 4, ~~characterized in that~~wherein the direction of the planar element does not deviate more than 10° from ~~the~~a tangent line touching ~~the~~a circle formed by ~~the~~a radius subtended by the planar element position.

6. (Currently Amended) ~~Rotor~~The rotor blade as claimed in ~~one of claims 1-3, characterized in that~~claim 1, wherein the planar element is constituted in a manner that it extends in its longitudinal direction to follow the path of ~~the~~a radius subtended by the distance between the front end of the planar element and the axis of rotation of the rotor~~,~~ blade.

7. (Currently Amended) ~~Rotor~~The rotor blade as claimed in ~~one of the above claims, characterized in that~~claim 1, wherein the rotor blade is fitted with several planar elements on its suction side.

8. (Currently Amended) ~~Rotor~~The rotor blade as claimed in claim 7, ~~characterized in that~~wherein the planar elements are mounted on the rotor blade suction side in a zone extending from the blade root to half the length of the rotor blade.

9. (Currently Amended) ~~Rotor~~The rotor blade as claimed in claim 7, ~~characterized in that~~wherein the planar elements are mounted on the rotor blade suction side in a zone extending from the blade root to one third the length of said blade.

10. (Currently Amended) ~~Rotor~~The rotor blade as claimed in ~~either of claims 8 and 9, characterized~~claim 8, wherein at least one planar element is mounted in a zone extending from the blade root to beyond a transition range wherein the blade root contour merges into a blade-lift generating contour.

11. (Currently Amended) ~~Rotor~~The rotor blade as claimed in ~~one of claims 8 through 10, characterized in that~~claim 8, wherein at least one planar element is mounted in a zone situated from the blade root to the near side of ~~the~~a transition range where the blade root contour merges into a lift-generating blade contour.

12. (Currently Amended) ~~Rotor~~The rotor blade as claimed in ~~one of the above claims, characterized in that~~claim 1, wherein the planar element is air-permeable at least segment-wise, for instance in the form of a grid or perforations.

13. (Cancelled)

14. (Currently Amended) A planar element as claimed in ~~one of the above claims, characterized in that~~claim 1, wherein the planar element can be mounted at one of its ~~thin~~narrow sides to the suction side of a contoured rotor blade of a wind-driven power-plant to be longitudinally aligned in the direction of airflow and that its length and height are selected in manner that it implements an effective reduction of a cross-flow running outward from the blade root.

15. (Currently Amended) ~~Planar~~The planar element as claimed in claim 14, ~~characterized in that~~wherein the ~~thin~~narrow side of the planar element facing the rotor blade matches the rotor blade contour at its affixation position.

16. (Currently Amended) ~~Planar~~The planar element as claimed in claim 14, ~~characterized in that it~~wherein the planar element ~~can be~~is molded elastically or plastically and ~~can be~~is matched to the rotor contour at its affixation position.

17. (New) The planar element as claimed in claim 14, wherein the planar element is made of a metal, for instance a high grade steel, or of aluminum, plastic, compound materials such as Glass Fiber-Reinforced Plastic or Carbon Fiber-Reinforced Plastic, or a combination of these materials.